

# WEST

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20020103430 A1

L29: Entry 1 of 1

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020103430

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020103430 A1

TITLE: Catheter navigation within an MR imaging device

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hastings, Roger N.	Maple Grove	MN	US	
Garibaldi, Jeffrey M.	St. Louis	MO	US	
Gillies, George T.	Charlottesville	VA	US	
Broaddus, William C.	Midlothian	VA	US	

US-CL-CURRENT: 600/411

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

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Term	Documents
MICROCOIL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	198
MICROCOILS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	151
MICRO-COIL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	122
MICRO-COILS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	85
"MICRO COIL".DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	0
(28 AND (MICRO-COIL OR MICROCOIL OR "MICRO COIL")).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	1
(L28 AND (MICROCOIL OR MICRO-COIL OR "MICRO COIL")).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	1

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**Search Results - Record(s) 1 through 1 of 1 returned.**

☐ 1. Document ID: US 6559641 B2

L27: Entry 1 of 1

File: USPT

May 6, 2003

US-PAT-NO: 6559641

DOCUMENT-IDENTIFIER: US 6559641 B2

TITLE: Method for operating a magnetic resonance tomography apparatus wherein the location coding is adapted to a positional change of the examination subject

DATE-ISSUED: May 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thesen; Stefan	Meckenheim			DE

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
Draw	Desc	Image								

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Term	Documents
CORRECT\$4	0
CORRECT.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	632918
CORRECTA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	132
CORRECTAB.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	3
CORRECTABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	6518
CORRECTABLY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	48
CORRECTAL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
CORRECTALE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
CORRECTALL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
CORRECTALLY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
CORRECTAND.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
(L24 AND (CORRECT\$4 WITH IMAG\$4)) USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	1

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## Search Results - Record(s) 1 through 13 of 13 returned.

☐ 1. Document ID: US 20020122806 A1

L25: Entry 1 of 13

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122806  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020122806 A1

TITLE: Compositions and methods for in situ and in vivo imaging of cells and tissues

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chinnaiyan, Arul M.	Canton	MI	US	
Rehemtulla, Alnawaz	Plymouth	MI	US	
Ross, Brian D.	Ann Arbor	MI	US	

US-CL-CURRENT: 424/178.1; 435/325, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 2. Document ID: US 20020073441 A1

L25: Entry 2 of 13

File: PGPB

Jun 13, 2002

PGPUB-DOCUMENT-NUMBER: 20020073441  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020073441 A1

TITLE: Compositions and methods for detecting proteolytic activity

PUBLICATION-DATE: June 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ross, Brian D.	Ann Arbor	MI	US	
Rehemtulla, Alnawaz	Plymouth	MI	US	

US-CL-CURRENT: 800/18; 435/189, 435/354, 435/4, 530/350, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 3. Document ID: US 6559644 B2

US-PAT-NO: 6559644

DOCUMENT-IDENTIFIER: US 6559644 B2

TITLE: MRI-based temperature mapping with error compensation

DATE-ISSUED: May 6, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frondlich; David	Haifa			IL
Shapira; Yerucham	Rehovot			IL

US-CL-CURRENT: 324/315; 324/306

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 4. Document ID: US 6522142 B1

L25: Entry 4 of 13

File: USPT

Feb 18, 2003

US-PAT-NO: 6522142

DOCUMENT-IDENTIFIER: US 6522142 B1

TITLE: MRI-guided temperature mapping of tissue undergoing thermal treatment

DATE-ISSUED: February 18, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Freundlich; David	Haifa			IL

US-CL-CURRENT: 324/315; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 5. Document ID: US 6377834 B1

L25: Entry 5 of 13

File: USPT

Apr 23, 2002

US-PAT-NO: 6377834

DOCUMENT-IDENTIFIER: US 6377834 B1

TITLE: Real time in vivo measurement of temperature changes with contrast enhanced NMR imaging

DATE-ISSUED: April 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Yong	Waukesha	WI		
Frayne; Richard	Calgary			CA

US-CL-CURRENT: 600/412; 324/315

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 6. Document ID: US 6270463 B1

L25: Entry 6 of 13

File: USPT

Aug 7, 2001

US-PAT-NO: 6270463

DOCUMENT-IDENTIFIER: US 6270463 B1

TITLE: System and method for measuring temperature in a strong electromagnetic field

DATE-ISSUED: August 7, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Morris, Sr.; G. Ronald	Bay Shore	NY		
Valentine; James W.	Spokane	WA		

US-CL-CURRENT: 600/549

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 7. Document ID: US 6194899 B1

L25: Entry 7 of 13

File: USPT

Feb 27, 2001

US-PAT-NO: 6194899

DOCUMENT-IDENTIFIER: US 6194899 B1

TITLE: Temperature monitoring method, temperature monitoring apparatus and magnetic resonance apparatus

DATE-ISSUED: February 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishihara; Yasutoshi	Tokyo			JP
Umeda; Masaaki	Kawasaki			JP
Watanabe; Hidehiro	Yokohama			JP
Okamoto; Kazuya	Yono			JP

US-CL-CURRENT: 324/315; 600/412

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 8. Document ID: US 6032068 A

US-PAT-NO: 6032068

DOCUMENT-IDENTIFIER: US 6032068 A

TITLE: Non-invasive measurement of frozen tissue temperature using MRI signal

DATE-ISSUED: February 29, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Daniel; Bruce L.	Palo Alto	CA		
Butts; Rosemary Kim	San Francisco	CA		

US-CL-CURRENT: 600/412; 324/315

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 9. Document ID: US 5916161 A

L25: Entry 9 of 13

File: USPT

Jun 29, 1999

US-PAT-NO: 5916161

DOCUMENT-IDENTIFIER: US 5916161 A

TITLE: Magnetic resonance imaging apparatus with temperature measurement function

DATE-ISSUED: June 29, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishihara; Yasutoshi	Tokyo			JP
Okamoto; Kazuya	Tokyo			JP

US-CL-CURRENT: 600/410; 324/315, 600/412

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 10. Document ID: US 5711300 A

L25: Entry 10 of 13

File: USPT

Jan 27, 1998

US-PAT-NO: 5711300

DOCUMENT-IDENTIFIER: US 5711300 A

TITLE: Real time in vivo measurement of temperature changes with NMR imaging

DATE-ISSUED: January 27, 1998

## INVENTOR-INFORMATION:



NAME	CITY	STATE	ZIP CODE	COUNTRY
Schneider; Erika	Rexford	NY		
Cline; Harvey Ellis	Schenectady	NY		
Watkins; Ronald Dean	Schenectady	NY		
Washburn; Sheila Srinivasan	New Berlin	WI		
Hardy; Christopher Judson	Schenectady	NY		

US-CL-CURRENT: 600/412

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	RMC
Draw	Desc	Image								

☐ 11. Document ID: US 5541511 A

L25: Entry 11 of 13

File: USPT

Jul 30, 1996

US-PAT-NO: 5541511

DOCUMENT-IDENTIFIER: US 5541511 A

TITLE: Method of magnetic resonance imaging for the production of rare images with additional preparation of the magnetization for contrast variation

DATE-ISSUED: July 30, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hennig; Jorgen	79100 Freiburg im Breisgau			DE

US-CL-CURRENT: 324/309; 324/314, 600/413

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	RMC
Draw	Desc	Image								

☐ 12. Document ID: US 5378987 A

L25: Entry 12 of 13

File: USPT

Jan 3, 1995

US-PAT-NO: 5378987

DOCUMENT-IDENTIFIER: US 5378987 A

TITLE: Method and apparatus for non-invasive measurement of temperature distribution within target body using nuclear magnetic resonance imaging

DATE-ISSUED: January 3, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishihara; Yasutoshi	Kanagawa			JP
Sato; Kozo	Kanagawa			JP

US-CL-CURRENT: 324/315; 600/412

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	RMC
Draw	Desc	Image								

☐ 13. Document ID: EP 560397 A1 DE 69331073 E US 5378987 A JP 3160351 B2 EP 560397 B1

L25: Entry 13 of 13

File: DWPI

Sep 15, 1993

DERWENT-ACC-NO: 1993-289890

DERWENT-WEEK: 200205

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TITLE: Measurement of internal temperature distribution using NMR - obtaining chemical shift data from target body at each voxel with and without temperature change to enable construction of image of temp. distribution.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Clip Img	Image								

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Term	Documents
"5378987".DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	13
5378987S	0
"5378987".USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	13
(5378987).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	13

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## Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 6298259 B1

L22: Entry 1 of 3

File: USPT

Oct 2, 2001

US-PAT-NO: 6298259

DOCUMENT-IDENTIFIER: US 6298259 B1

TITLE: Combined magnetic resonance imaging and magnetic stereotaxis surgical apparatus and processes

DATE-ISSUED: October 2, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Minneapolis	MN	55403	
Gillies; George T.	Earlsville	VA	22936-9590	

US-CL-CURRENT: 600/411; 324/307, 324/309, 324/310, 600/415, 600/417, 600/420, 600/429, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 2. Document ID: US 6061587 A

L22: Entry 2 of 3

File: USPT

May 9, 2000

US-PAT-NO: 6061587

DOCUMENT-IDENTIFIER: US 6061587 A

TITLE: Method and apparatus for use with MR imaging

DATE-ISSUED: May 9, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Edina	MN		
Moseley; Michael E.	Redwood City	CA		

US-CL-CURRENT: 600/411; 600/431, 600/432, 600/433, 604/151, 604/152, 604/153, 604/154, 604/155, 604/21, 604/93.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 3. Document ID: US 6026316 A

US-PAT-NO: 6026316

DOCUMENT-IDENTIFIER: US 6026316 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and apparatus for use with MR imaging

DATE-ISSUED: February 15, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk, John	Edina	MN		
Moseley, Michael E.	Redwood City	CA		

US-CL-CURRENT: 600/420; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

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Term	Documents
HEAT\$4	0
HEAT.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2422110
HEATA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	13
HEATAAT.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
HEATABL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
HEATABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	11921
HEATABLY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	33
HEATAD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	4
HEATAED.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	6
HEATAER.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
HEATAGE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	5
(L20 AND (HEAT\$4)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	3

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## Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 6537232 B1

L20: Entry 1 of 4

File: USPT

Mar 25, 2003

US-PAT-NO: 6537232

DOCUMENT-IDENTIFIER: US 6537232 B1

TITLE: Intracranial pressure monitoring device and method for use in MR-guided drug delivery

DATE-ISSUED: March 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Minneapolis	MN		
Truwit; Charles L.	Wayzata	MN		

US-CL-CURRENT: 600/561; 600/411

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
Draw Desc	Image									

☐ 2. Document ID: US 6298259 B1

L20: Entry 2 of 4

File: USPT

Oct 2, 2001

US-PAT-NO: 6298259

DOCUMENT-IDENTIFIER: US 6298259 B1

TITLE: Combined magnetic resonance imaging and magnetic stereotaxis surgical apparatus and processes

DATE-ISSUED: October 2, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Minneapolis	MN	55403	
Gillies; George T.	Earlysville	VA	22936-9590	

US-CL-CURRENT: 600/411; 324/307, 324/309, 324/310, 600/415, 600/417, 600/420, 600/429, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
Draw Desc	Image									

☐ 3. Document ID: US 6061587 A

US-PAT-NO: 6061587

DOCUMENT-IDENTIFIER: US 6061587 A

TITLE: Method and apparatus for use with MR imaging

DATE-ISSUED: May 9, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Edina	MN		
Moseley; Michael E.	Redwood City	CA		

US-CL-CURRENT: 600/411; 600/431, 600/432, 600/433, 604/151, 604/152, 604/153, 604/154, 604/155, 604/21, 604/93.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 4. Document ID: US 6026316 A

L20: Entry 4 of 4

File: USPT

Feb 15, 2000

US-PAT-NO: 6026316

DOCUMENT-IDENTIFIER: US 6026316 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and apparatus for use with MR imaging

DATE-ISSUED: February 15, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Edina	MN		
Moseley; Michael E.	Redwood City	CA		

US-CL-CURRENT: 600/420; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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Term	Documents
THERMAL\$3	0
THERMAL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1017659
THERMALA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	4
THERMALAAN.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
THERMALAGE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
THERMALAND.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	26
THERMALANE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
THERMALARC.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
THERMALARM.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
THERMALASE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	55
THERMALAST.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
(L19 AND (THERMAL\$3)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	4

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Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20030074011 A1

L19: Entry 1 of 8

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030074011  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030074011 A1

TITLE: System and method of recording and displaying in context of an image a location of at least one point-of-interest in a body during an intra-body medical procedure

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gilboa, Pinhas	Haifa		IL	
Tolkowsky, David	Yosef		IL	
Hollander, David	Tel Mond		IL	

US-CL-CURRENT: 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 2. Document ID: US 20030016015 A1

L19: Entry 2 of 8

File: PGPB

Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030016015  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030016015 A1

TITLE: MR method and MR device with means for making corrections for changes of the position and/or orientation of coils

PUBLICATION-DATE: January 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Eggers, Holger	Kaltenkirchen		DE	
Weiss, Steffen	Hamburg		DE	

US-CL-CURRENT: 324/307; 324/309, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									



☐ 3. Document ID: US 6537232 B1

L19: Entry 3 of 8

File: USPT

Mar 25, 2003

US-PAT-NO: 6537232

DOCUMENT-IDENTIFIER: US 6537232 B1

TITLE: Intracranial pressure monitoring device and method for use in MR-guided drug delivery

DATE-ISSUED: March 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Minneapolis	MN		
Truwit; Charles L.	Wayzata	MN		

US-CL-CURRENT: 600/561; 600/411

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	END
Draw Desc	Image									

☐ 4. Document ID: US 6298259 B1

L19: Entry 4 of 8

File: USPT

Oct 2, 2001

US-PAT-NO: 6298259

DOCUMENT-IDENTIFIER: US 6298259 B1

TITLE: Combined magnetic resonance imaging and magnetic stereotaxis surgical apparatus and processes

DATE-ISSUED: October 2, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Minneapolis	MN	55403	
Gillies; George T.	Earlsville	VA	22936-9590	

US-CL-CURRENT: 600/411; 324/307, 324/309, 324/310, 600/415, 600/417, 600/420, 600/429, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	END
Draw Desc	Image									

☐ 5. Document ID: US 6246898 B1

L19: Entry 5 of 8

File: USPT

Jun 12, 2001

US-PAT-NO: 6246898

DOCUMENT-IDENTIFIER: US 6246898 B1

TITLE: Method for carrying out a medical procedure using a three-dimensional tracking and imaging system

DATE-ISSUED: June 12, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vesely; Ivan	Cleveland Heights	OH		
Smith; Wayne	London			CA
Klein; George	London			CA
Burkhoff; Daniel	Tenafly	NJ		

US-CL-CURRENT: 600/424; 600/429, 600/439, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 6. Document ID: US 6061587 A

L19: Entry 6 of 8

File: USPT

May 9, 2000

US-PAT-NO: 6061587

DOCUMENT-IDENTIFIER: US 6061587 A

TITLE: Method and apparatus for use with MR imaging

DATE-ISSUED: May 9, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Edina	MN		
Moseley; Michael E.	Redwood City	CA		

US-CL-CURRENT: 600/411; 600/431, 600/432, 600/433, 604/151, 604/152, 604/153, 604/154, 604/155, 604/21, 604/93.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 7. Document ID: US 6026316 A

L19: Entry 7 of 8

File: USPT

Feb 15, 2000

US-PAT-NO: 6026316

DOCUMENT-IDENTIFIER: US 6026316 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and apparatus for use with MR imaging

DATE-ISSUED: February 15, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Edina	MN		
Moseley; Michael E.	Redwood City	CA		

US-CL-CURRENT: 600/420; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 8. Document ID: US 5797849 A

L19: Entry 8 of 8

File: USPT

Aug 25, 1998

US-PAT-NO: 5797849

DOCUMENT-IDENTIFIER: US 5797849 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method for carrying out a medical procedure using a three-dimensional tracking and imaging system

DATE-ISSUED: August 25, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vesely; Ivan	Cleveland Heights	OH		
Smith; Wayne	London			CA

US-CL-CURRENT: 600/461

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

Generate Collection

Print

Term	Documents
TEMPERATURE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2305154
TEMP.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	772751
TEMPS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	79469
TEMPERATURES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	661994
(16 AND TEMPERATURE).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	8
(L16 AND (TEMPERATURE)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	8

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## Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20030074011 A1

L16: Entry 1 of 8

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030074011  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20030074011 A1

TITLE: System and method of recording and displaying in context of an image a location of at least one point-of-interest in a body during an intra-body medical procedure

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gilboa, Pinhas	Haifa		IL	
Tolkowsky, David	Yosef		IL	
Hollander, David	Tel Mond		IL	

US-CL-CURRENT: 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ 2. Document ID: US 20030016015 A1

L16: Entry 2 of 8

File: PGPB

Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030016015  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20030016015 A1

TITLE: MR method and MR device with means for making corrections for changes of the position and/or orientation of coils

PUBLICATION-DATE: January 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Eggers, Holger	Kaltenkirchen		DE	
Weiss, Steffen	Hamburg		DE	

US-CL-CURRENT: 324/307; 324/309, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ 3. Document ID: US 6537232 B1

L16: Entry 3 of 8

File: USPT

Mar 25, 2003

US-PAT-NO: 6537232  
DOCUMENT-IDENTIFIER: US 6537232 B1

TITLE: Intracranial pressure monitoring device and method for use in MR-guided drug delivery

DATE-ISSUED: March 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Minneapolis	MN		
Truwit; Charles L.	Wayzata	MN		

US-CL-CURRENT: 600/561; 600/411

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 4. Document ID: US 6298259 B1

L16: Entry 4 of 8

File: USPT

Oct 2, 2001

US-PAT-NO: 6298259  
DOCUMENT-IDENTIFIER: US 6298259 B1

TITLE: Combined magnetic resonance imaging and magnetic stereotaxis surgical apparatus and processes

DATE-ISSUED: October 2, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Minneapolis	MN	55403	
Gillies; George T.	Earlsville	VA	22936-9590	

US-CL-CURRENT: 600/411; 324/307, 324/309, 324/310, 600/415, 600/417, 600/420, 600/429, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 5. Document ID: US 6246898 B1

L16: Entry 5 of 8

File: USPT

Jun 12, 2001

US-PAT-NO: 6246898  
DOCUMENT-IDENTIFIER: US 6246898 B1

TITLE: Method for carrying out a medical procedure using a three-dimensional tracking and imaging system

DATE-ISSUED: June 12, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vesely; Ivan	Cleveland Heights	OH		
Smith; Wayne	London			CA
Klein; George	London			CA
Burkhoff; Daniel	Tenafly	NJ		

US-CL-CURRENT: 600/424; 600/429, 600/439, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 6. Document ID: US 6061587 A

L16: Entry 6 of 8

File: USPT

May 9, 2000

US-PAT-NO: 6061587

DOCUMENT-IDENTIFIER: US 6061587 A

TITLE: Method and apparatus for use with MR imaging

DATE-ISSUED: May 9, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Edina	MN		
Moseley; Michael E.	Redwood City	CA		

US-CL-CURRENT: 600/411; 600/431, 600/432, 600/433, 604/151, 604/152, 604/153, 604/154, 604/155, 604/21, 604/93.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 7. Document ID: US 6026316 A

L16: Entry 7 of 8

File: USPT

Feb 15, 2000

US-PAT-NO: 6026316

DOCUMENT-IDENTIFIER: US 6026316 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and apparatus for use with MR imaging

DATE-ISSUED: February 15, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Edina	MN		
Moseley; Michael E.	Redwood City	CA		

US-CL-CURRENT: 600/420; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 8. Document ID: US 5797849 A

L16: Entry 8 of 8

File: USPT

Aug 25, 1998

US-PAT-NO: 5797849

DOCUMENT-IDENTIFIER: US 5797849 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method for carrying out a medical procedure using a three-dimensional tracking and imaging system

DATE-ISSUED: August 25, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vesely; Ivan	Cleveland Heights	OH		
Smith; Wayne	London			CA

US-CL-CURRENT: 600/461

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

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Term	Documents
DETAIL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1487714
DETAILS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	688670
STRUCTURE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2876516
STRUCTURES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	695635
BODY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2792531
BODIES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	303144
BODYS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	279
PART.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	5324179
PARTS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2507367
HEAD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1363184
HEADS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	230801
(L15 AND (DETAIL OR STRUCTURE OR (BODY WITH PART) OR HEAD OR ARM OR WRIST OR LUNG OR LIVER OR HEART OR OBJECT OR SUBJECT OR KNEE OR ANKLE OR HAND OR ABDOMIN OR STOMACHE OR KIDNEY)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	8

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## Search Results - Record(s) 1 through 20 of 20 returned.

☐ 1. Document ID: US 20020103430 A1

L28: Entry 1 of 20

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020103430  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020103430 A1

TITLE: Catheter navigation within an MR imaging device

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hastings, Roger N.	Maple Grove	MN	US	
Garibaldi, Jeffrey M.	St. Louis	MO	US	
Gillies, George T.	Charlottesville	VA	US	
Broadus, William C.	Midlothian	VA	US	

US-CL-CURRENT: 600/411

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 2. Document ID: US 6535756 B1

L28: Entry 2 of 20

File: USPT

Mar 18, 2003

US-PAT-NO: 6535756  
 DOCUMENT-IDENTIFIER: US 6535756 B1

TITLE: Trajectory storage apparatus and method for surgical navigation system

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Simon; David Anthnoy	Boulder	CO		
Foley; Kevin T.	Memphis	TN		
Carls; Thomas Andrew	Memphis	TN		
Melkent; Anthony J.	Germantown	TN		

US-CL-CURRENT: 600/424; 378/205, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 3. Document ID: US 6534982 B1

L28: Entry 3 of 20

File: USPT

Mar 18, 2003

US-PAT-NO: 6534982

DOCUMENT-IDENTIFIER: US 6534982 B1

TITLE: Magnetic resonance scanner with electromagnetic position and orientation tracking device

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jakab; Peter D.	Brookline	MA	02146	

US-CL-CURRENT: 324/318; 324/309, 324/322, 600/424

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 4. Document ID: US 6493573 B1

L28: Entry 4 of 20

File: USPT

Dec 10, 2002

US-PAT-NO: 6493573

DOCUMENT-IDENTIFIER: US 6493573 B1

TITLE: Method and system for navigating a catheter probe in the presence of field-influencing objects

DATE-ISSUED: December 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Martinelli; Michael A.	Winchester	MA		
Kessman; Paul	Broomfield	CO		
Jascob; Brad	Broomfield	CO		

US-CL-CURRENT: 600/424; 128/899, 324/244, 324/246, 324/247, 324/257, 324/258, 324/301, 600/410, 600/411, 600/422, 600/423

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 5. Document ID: US 6491702 B2

L28: Entry 5 of 20

File: USPT

Dec 10, 2002

US-PAT-NO: 6491702

DOCUMENT-IDENTIFIER: US 6491702 B2

TITLE: Apparatus and method for photogrammetric surgical localization

DATE-ISSUED: December 10, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Heilbrun; Mark Peter	Salt Lake City	UT		
McDonald; Paul	Salt Lake City	UT		
Wiker; J. Clayton	Salt Lake City	UT		
Koehler; Spencer	Salt Lake City	UT		
Peters; William	Salt Lake City	UT		

US-CL-CURRENT: 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 6. Document ID: US 6473635 B1

L28: Entry 6 of 20

File: USPT

Oct 29, 2002

US-PAT-NO: 6473635

DOCUMENT-IDENTIFIER: US 6473635 B1

TITLE: Method of and device for determining the position of a medical instrument

DATE-ISSUED: October 29, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rasche; Volker	Hamburg			DE

US-CL-CURRENT: 600/428; 600/424

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 7. Document ID: US 6409687 B1

L28: Entry 7 of 20

File: USPT

Jun 25, 2002

US-PAT-NO: 6409687

DOCUMENT-IDENTIFIER: US 6409687 B1

TITLE: Motion tracking system

DATE-ISSUED: June 25, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foxlin; Eric M.	Arlington	MA		

US-CL-CURRENT: 600/595; 128/898, 600/587

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 8. Document ID: US 6402762 B2

L28: Entry 8 of 20

File: USPT

Jun 11, 2002

US-PAT-NO: 6402762

DOCUMENT-IDENTIFIER: US 6402762 B2

TITLE: System for translation of electromagnetic and optical localization systems

DATE-ISSUED: June 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hunter; Mark W.	Broomfield	CO		
Kessman; Paul	Broomfield	CO		

US-CL-CURRENT: 606/130; 600/417, 600/429

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	RMC
Draw Desc	Image									

☐ 9. Document ID: US 6400155 B2

L28: Entry 9 of 20

File: USPT

Jun 4, 2002

US-PAT-NO: 6400155

DOCUMENT-IDENTIFIER: US 6400155 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: In-room MRI display terminal remote control system

DATE-ISSUED: June 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kormos; Donald W.	Parma	OH		
Richard; Mark A.	South Euclid	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	RMC
Draw Desc	Image									

☒ 10. Document ID: US 6381485 B1

L28: Entry 10 of 20

File: USPT

Apr 30, 2002

US-PAT-NO: 6381485

DOCUMENT-IDENTIFIER: US 6381485 B1

TITLE: Registration of human anatomy integrated for electromagnetic localization

DATE-ISSUED: April 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hunter; Mark W.	Broomfield	CO		
Kessman; Paul	Broomfield	CO		

US-CL-CURRENT: 600/407; 324/244, 324/301, 324/302, 600/409, 600/415, 600/417, 600/425, 600/429, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 11. Document ID: US 6379302 B1

L28: Entry 11 of 20

File: USPT

Apr 30, 2002

US-PAT-NO: 6379302  
DOCUMENT-IDENTIFIER: US 6379302 B1

TITLE: Navigation information overlay onto ultrasound imagery

DATE-ISSUED: April 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kessman; Paul	Broomfield	CO		
Holsing; Troy	Broomfield	CO		
Trobaugh; Jason	Broomfield	CO		

US-CL-CURRENT: 600/437; 600/461

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 12. Document ID: US 6235038 B1

L28: Entry 12 of 20

File: USPT

May 22, 2001

US-PAT-NO: 6235038  
DOCUMENT-IDENTIFIER: US 6235038 B1  
**\*\* See image for Certificate of Correction \*\***

TITLE: System for translation of electromagnetic and optical localization systems

DATE-ISSUED: May 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hunter; Mark W.	Broomfield	CO		
Kessman; Paul	Broomfield	CO		

US-CL-CURRENT: 606/130; 600/417, 600/429

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 13. Document ID: US 6198285 B1

L28: Entry 13 of 20

File: USPT

Mar 6, 2001

US-PAT-NO: 6198285

DOCUMENT-IDENTIFIER: US 6198285 B1

TITLE: In-room MRI display terminal and remote control system

DATE-ISSUED: March 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kormos; Donald W.	Parma	OH		
Richard; Mark A.	South Euclid	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 14. Document ID: US 6159158 A

L28: Entry 14 of 20

File: USPT

Dec 12, 2000

US-PAT-NO: 6159158

DOCUMENT-IDENTIFIER: US 6159158 A

TITLE: Diagnostic catheter system for nasopharyngeal obstructions

DATE-ISSUED: December 12, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lowe; Michael W.	Liberty	MO	64068	

US-CL-CURRENT: 600/529; 604/500

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 15. Document ID: US 6157855 A

L28: Entry 15 of 20

File: USPT

Dec 5, 2000

US-PAT-NO: 6157855

DOCUMENT-IDENTIFIER: US 6157855 A

TITLE: Medical apparatus

DATE-ISSUED: December 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sjoholm; Gosta	Ekerö			SE

US-CL-CURRENT: 600/427

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 16. Document ID: US 6063022 A

L28: Entry 16 of 20

File: USPT

May 16, 2000

US-PAT-NO: 6063022

DOCUMENT-IDENTIFIER: US 6063022 A

TITLE: Conformal catheter

DATE-ISSUED: May 16, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ben-Haim; Shlomo	Haifa			IL

US-CL-CURRENT: 600/41

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 17. Document ID: US 6052618 A

L28: Entry 17 of 20

File: USPT

Apr 18, 2000

US-PAT-NO: 6052618

DOCUMENT-IDENTIFIER: US 6052618 A

TITLE: Device for mapping electrical activity in the heart

DATE-ISSUED: April 18, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dahlke; Mikael	Trangsund			SE
Lindkvist; Leif	Stenhamra			SE
Hjarne; Elisabeth	Gustavsberg			SE
Rasmundson; Kjell	Uppsala			SE
Darpo ; Borje	Saltsjo Duvnas			SE

US-CL-CURRENT: 600/523; 600/509

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 18. Document ID: US 5868673 A

L28: Entry 18 of 20

File: USPT

Feb 9, 1999

US-PAT-NO: 5868673  
DOCUMENT-IDENTIFIER: US 5868673 A

TITLE: System for carrying out surgery, biopsy and ablation of a tumor or other physical anomaly

DATE-ISSUED: February 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vesely; Ivan	Cleveland Heights	OH		

US-CL-CURRENT: 600/407; 600/461, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KPMC
Draw Desc	Image									

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☐ 19. Document ID: US 5730129 A

L28: Entry 19 of 20

File: USPT

Mar 24, 1998

US-PAT-NO: 5730129  
DOCUMENT-IDENTIFIER: US 5730129 A

TITLE: Imaging of interventional devices in a non-stationary subject

DATE-ISSUED: March 24, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Darrow; Robert David	Scotia	NY		
Dumoulin; Charles Lucian	Ballston Lake	NY		
Souza; Steven Peter	Williamstown	MA		

US-CL-CURRENT: 600/407; 128/899, 378/62, 600/417, 600/424

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KPMC
Draw Desc	Image									

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☐ 20. Document ID: US 5730129 A

L28: Entry 20 of 20

File: DWPI

Mar 24, 1998

DERWENT-ACC-NO: 1998-216076  
DERWENT-WEEK: 199819  
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TITLE: Providing image of non-stationary subject with correctly registered image of invasive device - by superimposing representation of device at measured location on distorted image and repeating this to attain correctly-registered real-time motion picture of device and reference image

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KPMC
Draw Desc	Clip Img	Image								



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Term	Documents
"5730129". DWPI, TDBD, EPAB, JPAB, USPT, PGPB.	20
5730129S	0
"5730129". USPT, PGPB, JPAB, EPAB, DWPI, TDBD.	20
(5730129). USPT, PGPB, JPAB, EPAB, DWPI, TDBD.	20

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## Freeform Search

**Database:**

US Patents Full-Text Database  
US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
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IBM Technical Disclosure Bulletins

**Term:**

5730129

**Display:**  **Documents in Display Format:**  **Starting with Number**

**Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

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### Search History

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**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L30</u>	L28 and l9	0	<u>L30</u>
<u>L29</u>	L28 and (microcoil or micro-coil or "micro coil")	1	<u>L29</u>
<u>L28</u>	5730129	20	<u>L28</u>
<u>L27</u>	L24 and (correct\$4 with imag\$4)	1	<u>L27</u>
<u>L26</u>	L24 and (microcoil or micro-coil or "micro coil")	0	<u>L26</u>
<u>L25</u>	5378987	13	<u>L25</u>
<u>L24</u>	5938600	8	<u>L24</u>
<u>L23</u>	6064206	6	<u>L23</u>
<u>L22</u>	L20 and (heat\$4)	3	<u>L22</u>
<u>L21</u>	L20 and (thermal\$3with image)	0	<u>L21</u>
<u>L20</u>	L19 and (thermal\$3)	4	<u>L20</u>
<u>L19</u>	L16 and (temperature)	8	<u>L19</u>
<u>L18</u>	L14 and ((referenc\$4 or calibrat\$4) with temperature)	0	<u>L18</u>
<u>L17</u>	L16 and ((referenc\$4 or calibrat\$4) with temperature)	0	<u>L17</u>
<u>L16</u>	L15 and (detail or structure or (body with part) or head or arm or wrist or lung or liver or heart or object or subject or knee or ankle or hand or abdomin or stomache or kidney)	8	<u>L16</u>
<u>L15</u>	L14 and ((referenc\$4 or calibrat\$4) with image)	8	<u>L15</u>
<u>L14</u>	L13 and (position\$4 or locat\$6 or site or zone or region or area)	58	<u>L14</u>
<u>L13</u>	L12 and (referenc\$4 or calibrat\$4)	58	<u>L13</u>
<u>L12</u>	L11 and (thermal\$3 or temperature or heat\$4)	61	<u>L12</u>
<u>L11</u>	L10 and (microcoil or micro-coil or "micro coil")	127	<u>L11</u>
<u>L10</u>	((magnetic adj resonance) or MRI or NMR)	147474	<u>L10</u>
<u>L9</u>	L8 and (signal or position\$4 or zone)	52	<u>L9</u>
<u>L8</u>	L7 and (correct\$6 with imag\$4)	52	<u>L8</u>
<u>L7</u>	L5 and ((temperature) with (increas\$4 or raised or enlarg\$4 or rais\$4 or chang\$4 or var\$4))	57	<u>L7</u>
<u>L6</u>	L5 and (temperature)	89	<u>L6</u>
<u>L5</u>	L4 and (correct\$6 with (detail or feature or indication or indicat\$4))	244	<u>L5</u>
<u>L4</u>	L3 and ((reference or preparatory or initial or preliminary) with imag\$4)	2049	<u>L4</u>
<u>L3</u>	L2 and (detail or feature or indication or indicat\$4)	13099	<u>L3</u>
<u>L2</u>	L1 and (measur\$7 with (site or location or area or region or interest or position or target))	14565	<u>L2</u>
<u>L1</u>	((magnetic adj resonance) or MRI or NMR)	147474	<u>L1</u>

END OF SEARCH HISTORY